



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

Split

D4164-041
Job Sheet 200170-A



Part No: D4164-041

Job Qty: 6 pcs

Part Name: Nut Plate Adapter Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 9/26/19

Job Tracking No:

Due Date: 10/7/19

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG REV A IPP REV:A NEW ISSUE 10-09-07 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
160	QC 3	6 pcs	10/7/19	10/7/19	0.00	0.00	QC 3 - 10		
							QC 3 - 13		
							QC 3 - 15		
							QC 3 - 17		
							QC 3 - 18		
							QC 3 - 2		
							QC 3 - 28		
							QC 3 - 3		
							QC 3 - 30		
							QC 3 - 34		
							QC 3 - 36		
							QC 3 - 41		
							QC 3 - 51		
							QC 3 - 58		
							QC 3 - 59		
							QC 3 - 68		
							QC 3 - 9		
							QC 3 - 40		
							QC 3 - 19		
							QC 3 - 43		
							QC 3 - 24		
							QC 3 - 61		
							QC 3 - 81		
170	Small Fab - 3 - B4B	6 pcs	10/7/19	10/7/19	0.00	0.14	Small Fab - 1 - B4B		
							Small Fab - 2 - B4B		
							Small Fab - 3 - B4B		
							Small Fab - 4 - B4B		
							Small Fab - 5 - B4B		
							Small Fab - 6 - B4B		
							Small Fab - 7 - B4B		
							Small Fab - 8 - B4B		

DAS
58
0.89

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180 QC 5	6 pcs	10/7/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	SEP 26 2019
				QC 5 - 61	
				QC 5 - 81	
190 Packaging 3-1 - Stock - B4B 6 pcs ✓		10/7/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B ✓	ST083
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
200 QC 21 - SA	6 pcs ✓	10/7/19	0.00 0.00	QC 21 - SA - 21 ✓	ST083
				QC 21 - SA - 70	21 SEP 26 2019
				QC 21 - SA - 53	9-89
Part Op 160 - (QC3- Inspect Part Finish)					

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Descriptions: 170 - (Small Fab)

180 - (QC5- Inspect part completeness to step on W/O)

190 - (Identify as per dwg & Stock Location:_____)

200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MS20426AD3-3	Rivet	12 Ea (2 ea)	170-Small Fab - 3 - B4B	5774201
MS21059L3	Nut Plate	6 Ea (1 ea)	170-Small Fab - 3 - B4B	527770

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
170-Small Fab - 3 - B4B	MS20426AD3-3	12	5,922	0
	MS21059L3	6	56	0

Part Specifications

Specifications could not be found.

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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4164-041
Job Sheet 200170



Part No: D4164-041

Job Qty: 20 pcs

Part Name: Nut Plate Adapter Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/9/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 10/7/19

Type: Stock

Description:

Note: DWG REV A IPP REV:A NEW ISSUE 10-09-07 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	20 pcs		10/7/19	0.17	0.40	Waterjet - Flow	9/20/19	JRB
110	QC 2	20 pcs		10/7/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 813 632-5200
Email: sales@dartaero.com
www.dartaero.com



Container No: S215380

Part: D4164-041

Job No: 200170

Serial No/Batch: S215380

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 09/20/19

PRIORITY

120 QC 8	20 pcs	10/7/19	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	DAS
				QC 8 - 1 (A)	81
				QC 8 - 47	9-89
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
130 Small Fab - 2 - B4B	20 pcs	10/7/19	0.00 0.45	Small Fab - 1 - B4B	DAS
				Small Fab - 2 - B4B	58
				Small Fab - 3 - B4B	9-89
				Small Fab - 4 - B4B	
				Small Fab - 5 - B4B	
				Small Fab - 6 - B4B	
				Small Fab - 7 - B4B	
				Small Fab - 8 - B4B	
140 QC 5	20 pcs	10/7/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	DAS
				QC 5 - 30	81
				QC 5 - 40	9-89
				QC 5 - 61	
				QC 5 - 81	
141 Handfinish - 1-1 Chemical-B4B	20 pcs	10/7/19	0.00 0.21	Handfinish - 1 - 1 - B4B	
				Handfinish - 1 - 2 - B4B	

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				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				Handfinish - 1 - 22 - B4B	
160 QC 3	20 pcs	10/7/19	0.00 0.00	QC 3 - 10	
				QC 3 - 13	
				QC 3 - 15	
				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	
				QC 3 - 41	
				QC 3 - 51	
				QC 3 - 58	
				QC 3 - 59	
				QC 3 - 68	
				QC 3 - 9	
				QC 3 - 40	
				QC 3 - 19	
				QC 3 - 43	
				QC 3 - 24	
				QC 3 - 61	
				QC 3 - 81	
170 Small Fab - 3 - B4B	20 pcs	10/7/19	0.00 0.45	Small Fab - 1 - B4B	
				Small Fab - 2 - B4B	
				Small Fab - 3 - B4B	
				Small Fab - 4 - B4B	
				Small Fab - 5 - B4B	

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180 QC 5	20 pcs	10/7/19	0.00 0.00	Small Fab - 6 - B4B	
				Small Fab - 7 - B4B	
				Small Fab - 8 - B4B	
				QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
190 Packaging 3-1 - Stock - B4B	20 pcs	10/7/19	0.00 0.00	QC 5 - 61	
				QC 5 - 81	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
200 QC 21 - SA	20	10/7/19	0.00 0.00	Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				QC 21 - SA - 21	

9/9/2019,

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

pcs		QC 21 - SA - 70	
		QC 21 - SA - 53	

Part Op 110 - (QC2- Inspect parts off machine FAI/FAIB)
 Descriptions: 120 - (QC8- Inspect parts - second check)
 130 - (Small Fab)
 140 - (QC5- Inspect part completeness to step on W/O)
 141 - (Chemical Conversion Coat per QSI005 4.1)
 160 - (QC3- Inspect Part Finish)
 170 - (Small Fab)
 180 - (QC5- Inspect part completeness to step on W/O)
 190 - (Identify as per dwg & Stock Location: _____)
 200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6S.040	6061-T6 .040 Sheet	.0200 sf (.001 ea)	100-Waterjet - Flow - 1	6135854
MS20426AD3-3	Rivet	40 Ea (2 ea)	170-Small Fab - 3 - B4B	
MS21059L3	Nut Plate SF 301	20 Ea (1 ea)	170-Small Fab - 3 - B4B	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M6061T6S.040	0	518	0
170-Small Fab - 3 - B4B	MS20426AD3-3	40	5,845	0
	MS21059L3	20	98	0

Part Specifications

Specifications could not be found.

Plex 9/9/19 9:08 AM Dart.lajeunesse.marie

FIRST ARTICLE INSPECTION CHECKLIST

Rev	Date	Change	Revised by	Approved
A	10.09.23	New Issue P/O D4164-041	KJ	M

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐		DEPARTMENT/PROCESS		MRB (QS1042)	
Date : _____		Sequence #: _____		QTY Affected : _____			
Description Work Order Deviation		Disposition					
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐							
Completed By		Lead hand / Supervisor					
QC / QA Coordinator		Other/Details:					